AVATION

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NUMBER 6

TRANSPORTATION ACCIDENTS
NAVY PILOT SETS TWELVE NEW RECORDS
CONSTRUCTION OF THE NEW YORK TO ROME FOKKER

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World's strikede record of 39,000 feet, by Calling, fiving a Blarron-Speel, with 450 H. F. 4,000 males in 41 hours 45 missates, total name, per-Dear and Gazain in a Potez 25 web 15 660 miles to their best serves Africa by Caprione de corrette Guibord and rechause Cremine South Atlantic from Buleres to San Fernando de Narobro, 1600 reiles en o moncon make fight of I' boers, 30 minutes by

3,900 pains in 3 days, by Armsheet and Carel.

(Crecair des Caratteles), in a Poter XXV, with

5 500 wides on 6 days. 16 hours, Paris, Policies.

he Pelleter-Duker and Carol in a Branact

6,500 miles in 9 days, (9 stupe) Takin-Copenlogen by Captain Betred flying a Fokker with

450 H. P. capino

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If you should exercise their advise, so to twenty of the most programs Alexaft Encarers in the country. You will find their opinion manimum for WACO AIRPLANES.

An asiring in one or two with he target, last a majority agree.

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YOU men who see in Arrivino will be interested in Mr. in were to seek to "be in a better contion to unport information It is always the west men who seek to improve. They are the men who get ahead-who rise above the crowd, 12 more wrys-The Avenue Harrist course of introduce it to once, as simple that any man of average sabilities, who never before

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Another Pitcairn Success



PITCAIRN MAILWING $H^{\rm IGH}$ performance, numerous Division, giving wide spend range with ability, care of managements and a high load factor.

low cost of ecention are the features . Equipped with the Whight Whatacceptorated in the design and one word ISC arrected enemy of 225 servence of the Petrim Madware-a honorows, the Madware has a non-

roonanced arrang speed around \$15 special development of our Engineering 500 like at a compartment of \$6 cm fe

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Seventh Annual

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850,000 IN CASH PRIZES, AND VALUABLE TROPHIES, WILL BE AWARDED WINNERS IN THESE PRESIDER AVIATION CLASSICS AT THE SPOKANE, WASHINGTON, MUNICIPAL AIR PORT.

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Contr. Newport States Message B. Street Breet, Jr. Manager Editor
Vol. XXVIII ADGIST B. 1927 No. 6

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With the Editor

Rocean M. Mass. Technical Billine

Sametime between the death and afforested days of the social the Politice residue engined (400 hz. Jupites), moneyaters (100 hz. Jupites), moneyaters (100 hz. Jupites), moneyaters (100 hz. Jupites), property and Armon Dewitt Light at mittengs to make a moneyater plays to Phone, and, if even principle to Phone, and, if even principle to New York, processe on make of Money and Processes of Money and Processes on Money and Mon

to be amounted.

On page 30% of this issue is a reduced description of the plane to be used. Briefly, it is sunting to construction to Constant of the control of the contr

stend of three Wright Whirtwinds.

The flight, ones storied, will be the first trens-Axionite test of the Jupiter engine and the nervasurieal works ownite, who completed by the tensors purchased by the tensors purchased.

CONSISTENCY!

The Lindbergh, Chamberlin, Maitland and Byrd flights had one common factor-the Wright Whirlwind Engine. The consistent selection of this engine by these worldfamous fliers-as well as by many others whose page in history is not yet written-is equalled only by the flaw-

less operation of the engine, whose uniform performance had played a major part in these epochal events This choice was not haphazard. It was logically based upon the actual performance of the engine itself. Its record of over 4,635,000 miles flown during 1926, in civil and mili-







Val XXIII

New Markets for New Types

A 7 THE present time there some to be three princes

A pal types of plants which are being manufactured. the calus plane both around the Wright Wales and The main production, both in numbers of manes were depend and in the number of menufurierores, lies in the petrico in those felds. There are a dozen or more duction on the three place planes and half a doors. The three place type has been established loar except one knodeed planes during the source of the year types decide that these are the types of planes which what the other designers do, with little solutions of there are which eradually produce better and better places. In the meantime the various other types of

entrying late the flares competition which will exist in

STOTER Cal Charles A Lindbergh Chrones bland may have had different executeres distant

expression, there is see point on which they all agree That is, that such flights though they be made as a street, a defence experiment or on the interrule of animos and

In short, the recent wholesale necessials were of the within a few months or, perhaps, even years. I will came, of that there is not the elightest doubt, and world stress toward that end. But do so step by step on what it already bus the results of years of affort which is bound to come in the doc source of time. The last un receive have witnessed a series of Amer art Becords have been broken and sebroken, endow the admiration and respect of the entire world and

boad of the lat. There they thould seed will remain If the advice of those who made it so keeded and not The Follow-Through How LONG will it Last?" is a question that in erthannen of the nable for fring. The great ownseem flights that have come as regularly after the

makens of fiving boats, for which there underhiteffy ten of selfing were seed. New types of planes take a fore it has taken a shape that will benefit aviation in The Double Guancehern Fund for the Proposition of recet was to it that Cal Leadbergh's master strate on nothing the could. Thousands of Americans are election the lare of the New York to Paris flats and Money alone is often a nonline but book intelligently

directed and expended double in value

Construction of New York to Rome Fokker is Similar to Commander Byrd's "America"

has Less Wine Aren and a 450 Hn. Junter Engine Replaces Three Wright Whielpholy

to TECK result at affects extended by the Public Posts Stoudard F7 Water in Lord



Left to right James DeWes Hill, arraptive Lived Extend, gifts and Astronay States danger of the Oney'

United the Whateund applying a Folkers an inerter starter persons area was a tage, water, no trapelor essent is not used. Have the compe, it his terms of the range the field in the America we will be to the infine. It is also be an engage or annihole through which a mechanic can reach



From opener visor of the Erre Teris on Erres Politon monopless (CM Oncy. 10th decent a worst engine ton mark at the Andrews North PRACTICE WHAT YOU PREACH - USE THE AIR MAIL



opening or through a diver at the right side of the fundame. empty. As long as the wang bald together it would be of some assistance in keeping the plane affect.

The abrene of the cushered enteres seemed a chance in task, in the affectment, in an oil cooler. It cannials of two the two. There are numerous token, one but to durantee In very on a Affirmal profits Seeme of the 63-1 composition ratio used on this type of 50 year cent, purchase and 20 per cent beard with fire on of



at the place is well over \$500 ms, tweeling 65 kg, at an

Beenet tests of a mutter Juneter FT sommersual term, by

Air Show to be Held at Teterborn Airport An explane show and organization to be hold at the Tatas bors Airport, Hashrouth Beights, N. J., on Aug. 25, 27, 28, under the measurement of Proc. R. Oaks, of the resignable known Gates Firing Cores. The proceeds of the meet are for the benefit of a charity fixed of the Stacrobest and Pre-Consecut and military pilots are grided to attend an gents of the show committee. Two show speeds for simplanes will be alletted to each aircrime entitleber and no charge will line and oil to all visiting places. In addition, the parking

Harr Losse to Pilot Junkers Plans Decoits the efforts of the Japlan Courser at Doven. It is street that the nim of Herr Loose is to corry as such

NATIONAL ARE DACED SHOWARD WASH SEPT OF THE

AVIATION forms 5, 1922 International Air craft Corp. is Now

On a Weekly Production Basis The F17 is an Open Coolait Budge Suitable for an OX5 or 150 H.P. Histo Enrine NE OF THE most precessing of Coldbern's communical expense has been upsted to notice at a way but analysis

helds factory with 15,000 mg ft. of floor space but this was now, calcured said is new fluttery was lossed with an area. Stangel to promiced of the society. R. A. Speed who has been flying far the list men poers in the view person-

who are familiar with avieties on the West Const Mr. Polt



tice and the detect of the design has been very good The neededless model of plane which the International Assert! Corp. is terring out in the F17. This plane is an when fitted with the 150 by Histor. The workstanding in

upe of construction. The wang upon follows are made of tures the sears. The ribe are made out of Harkelite with ound holes for lightening and sup strips for abbideous strength A sucted mooden leading edge is used but the Dog your emstraction is used in the ollower which are pleased a kittle ways in from the tip is both the upper and the larger winer. As N type interprises should be used The engine is well attractived in said as the exhaust in led down below the hower wing the pines is exceptionally The redictor is set into the upper when in mak a way es to offer very little pecidanes.
The openitudinos for the FST with OX 5 motor are as near maked history which when fitted with an OXA person.

Sale year of the P're, there place white (20%). Hote fracing environment contints of two parts, the upper half being a series of rubbe range while the lower half m a hydroniae sheek absorber. The

Span lower wag 55 ft.

Was section T plot I in a 27

Aurust S. 1927

Canadian Trans-Atlantic Fliers Selected

As exposure program which sale for the construction of

Recoverization of Ryan Airlines, Inc.

Below the first of the year the company expects to double The Welcows managings of the carbond type similar to



the silver a place training in that gard for a springed on the . In color of the springs that the springs of th NATIONAL ADD DACES SPOKANE WASH, SEPT. 23, 24

PRACTICE WHAT YOU PREACH -- USE THE AIR MAIL

Navy Pilot Sets Twelve New Records

Speed, Duration and Distance Marks Made by Lieutenant Connell During 11 Hr. 7 Min. 18 Sec. Flight in PN-10 Neary Seaplane

THEY RYBON A CONNEL, U. S. N., assignment of the manualist throughout the day. Its pay lead excelled of all fixed explore in which the late Comds. John Redgers National Assumption Association or the Peters! Assessable hodies front the first, and in his openess at least 12 new rangels were established. The PN-10 flavor by Londonse's Counted in movemed by two

Properations Made in Secret White me mirrors potter was given of the fight, the situ. of hanging back to the Duted States the supplies marks angles were seeds to the Aceps seems seeded byte. Free-angless proceeds as timed servey and on July 8 at 1937. Liestmant Council found when the place had been loaded with 600 ib of sent, 70 cml of oil and 600 cml of yearless. a way accompt the water. The relot referred a preferred "blow" and storted much to smooth water with no keeping farming his from Par five Fire miles appeal sufficient, however, even in the absence

the ANN-Am puralitions, but the solded weight was exerted The tilene record organi the Mercie (acceptable) games. The respect inflavor established by Lieutenant Council and

his over of two-S N. Pepe, symbon priot, member of the Commander Sudgers crew, and W. B. Seeling, mechanic-Married annual for 1850 has remarked a load of 9000 har-Named second for 1900 km corrects a load of 2000 kg. Speak record for 1806 has recorded a land of 2000 kg. Speed weers for \$500 km carrying a lead of 1000 bg. Speed record for 1900 hts energing a lead of 500 kg. Second record that 1800 has controlled a land of 500 had 50 PF.

Wille sublishing the frequing series, Lientenest Can-Turken wiled, who covered \$50.5 ms in few hy and 41 and Durative complete up. lead of \$80 hr. Dunday, open per box load of \$100 be-Visioner with pay fond of 1900 be-



The Being processed of the PK on Heavy necessity. Lett to right: E. N. Pope, Liver, Pyron J. Cremel, and W. E. Seelig. PRACTICE WHAT YOU PREACH - USE THE AIR MAIL



Page taken about the S. S. Leviston of the coursing panelshade nomes. Left to right Town Maken. Limb Groups Evella. Conver-

Elica 10 000 Miles During Good Will Tour

Dating the court since werk Good Will You at the I wated State, made in an exceletion reports by Maner Blother. Capt Box G Hays, Army Aw Corp., plotting at 0-2 servation, with faced D S. Bosser, mechanic, secureparted needed. The excepting sermen produced was columbic tonumber of insteades, first melting the beading at switch in While visting the 34 states, Major Deeper carried no-

that messary drapped was while the amphibuts was at on shirtness of about 4,000 ft above the public square of Hers-Amount of Williams To at the Pleas or front of the Com-Junkers Three Engined Planes on 17 Lines

The lines operating with those expined planes are as ful-

Germani Berlin-Kamlenberr, Berlin-London, Berlin, Party, Berlin-Malmas, Munick-Rossek, Montely-Vorter and Andrei: Veren-Berlin. Palmel: Werrer-Kraken and Kreker-Verse-

NATIONAL ATE RACES SPOKANE WASH, SEPT. 23, 24

The Distinguished Flying Crass On the Wine receive or such sendership.

10. All qualities of the Nethers Court on the Pricine source. But Organized Sentres, our entirely sentence Court of Sentres, our entirely sentence Court of Sentres, our entirely sentence Court of Sentre Sentres, and the Enters Court Sentres, and an artist short with publisheding in an artist fifth as just of the those terrores is not accordingly.





The maximum is called the Bluebard and in a monophase

Salvaged "America" Back in its Hangar

Bids Invited for Two Air Mail Dontes Postnarter General New recently in red solvers owners on

August 5, 1925

The action followed the priors to Weshinston of W. 171-To Link up with Atlanto-New York Route

Is order to hook up with the Atlanto-New York flying schedule, it will be personer to light only 50 mi. of the roate.

The scholale, sirendy worked ant by the Air Mail Service

Assignment have been received from the New Orleans Clotz-A commercial flor already to in operation between Mean

to Lorin Ma. to Messales, Text, and revers

Tuity Scholule Northbons To St Louis

AT A 10 P M





NATIONAL AIR RACES, SPOKANE, WASIL SEPT. 23, 24

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the court that the recommendation is barble and will remain a sport demand that the reason service of that pursue above the lines for the applicable below the fore betweenth

Task recommendation will be submitted expanded and invested, sub-regular theraptic with the views and recommissioner of such another colorest libraries.

artists reduced themse.

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commercial strengt when compared to the oblay modes of All modes of transportetion have their compline and the

Increase of Automobile FataDiscs In the year 1925 the automobile elementers to 800 kines. end handred deaths each pair. In 1923 this clean of brave-

the already previous list of immunocitation expenditus. Over of the most notable to most room was the Titania Simpler

attended and abstades resolved then were drawed of a few years are. Were her presented and it is only a major of ession in transportation. As a subling sufferent of on or fifteen years but to a commercial abbite stellate has been of 1806. The Astronorpha Company persionaly operated in this amounter for a short time without arrient applicat bet if

1920. Smiller over a year had decreased until there was one death to province for approximation over 4500-200 from helicitiest statements of the version operating company, current 1970 and a fastive decrease to one death as appeared

As stated above, until the year 1900 there were no reqpeneruper fatelities over a comparative period of time. Com-Daniel Lefterieldak (The Air Line of Dennerk) show

to 1925, inclusive, Air Uness with Spress from 1977 ter Treesport) during 1924 and 1925, and off from in Suit-

dayset 8, 1927

Blackest Percenture of Deaths in 1960 It will be noted from the following table that the number until the earl of 1825. Danier the steer reveal of from the

In the year 1907, when the highest percentage of deaths

public every \$471,000 necessary corned. There was an mercine in 1921 to one Disality for sportsumich every one to approximately every 5,394,800, respectively, of proa number of electric reliver and abret our pretern wi the tate o sufficiently large group to affect an accurate indication

August 4, 1927

of the experience of American electric selectric

Of the empower reperfect, a total of 317 persons were reproved during 1944, while or 1924 there were \$16 persons reported killed and 17,905 passengers styared. Them came and 2,339,838,583 in 1208. To early these management tilks parterings carried there was one practs (cited and in 182) So for only common carriers have been considered—the

From these systems we new tars our attention to a vacuu-17.502,656 is the west 1925 while the truck penetration

office a finise mean of transportation. A powney of a day, a presention sen, is row tot a matter of a few hours while es a few days. With all the entomobile has error on on the way of pleasure, better from sentitions, and a finer encap-Acadests at crade crossess; sendy about leave a model

In each reary the number of deeths by entomobiles more than doubled but the musher of deaths per registration de-Off the municipal of Greece Davids up and his one Source ware imprisoned. Through the surrouge medicastrakte of the father two win of wage were sentracted for Sight to tive father, rentared too close to the ent, melted his waxes First European Commercial Line in 1919

of carps, both hamen and isciple. The first consucred not approximately 300,000 passengers were cerned by ad the six

Wing compared to the other moras nembered that total reported for the year 1806 reducts a marked mercan as the

Mathrenmed planer, expaids of retaining their abbanisre a favelou of flow power pleuts, are residly conine into

NATIONAL AIR BACES, SPOKANE, WASH, SEPT. 23, 24

German Fliers Hasten Flight Preparations

In the proved of moto operations—less than five possible—there



Aircraft Trade Notes

Record Leading Gear Tests by Photography on the Fakker "Tes Mater", the type on which Byol and be production of a step of file



NATIONAL ARE RACES, SPOKANE WASH, SEPT. 21, 24

Haskelite on Ocean Flight Planes

Lightness, pleingth, and weather-proofers are advantured without orporating the material. Do waterproof confiden were monel ate. Ten majoral has the advantage of small or

Spalding Flying Helmet and Suit

tiler Arms belief. It is

The Westinghouse Micarta Propella-Tio Westerhouse Electric and Magazintzman Co. of

and stoon brakes will not uplanter them. Due to the manage



These lights are substigitude made, and are ever to



several handred ties to applied. The hest and pressure on

Japan of Improposal labor before enabling usin a minute people

The pale of fakers is good placed in a highly polabel because said, and bested by steam after which a hard pressure of

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NATIONAL AIR RACES, SPOKANE, WASH, SEPT. 23, 24

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The National Advisory Committee for Assumation, Winds-

Assess 5, 1927

Perfected Manoeuverability THE convenient and efficient unit hell A recent and perestres study of the

and body of the Lorung Amphibian, has becooks with it a new disconting of variables and control forces quite different fenes the ordinary agriant.

directional created and arabible of the Amphebus has froilly achieved perfection habnerd rudder, expert pilets of the Army and Navy, agree that

from appliant of any type new in service". OUTTE AN ACHIEVEMENT IN

LOENING AERONAUTICAL ENGINEERING CORPORATION Mr. STREET AND EAST RIVER, NEW YORK CITY

AIRCRAFT PATENTS

are of the investor. Cort life soil, some in real states of the investor of the soil, some in relativistic first than the property of the soil of the

January S. 1927

Another Famous Signature



adel Red signing his made in the Gold Lock of the depth Colle to From . The accuser a deriver sades the if Collect Lockbergh Lockberg core Contrader Synta int. Studies in later. Garage Studies. Right register of the Folias mensulate "Assenta" PRACTICE WHAT YOU PREACH - USE THE AIR WAIL

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FOREIGN AFRONAUTICAL NEWS NOTES By Special Appropriately for Automotive and Toppopulation Decision

South African Air Mail Service An explicit service between Johnsonsburg and Darker, Post Office authorities for the name, which provides for the payment of an annual schooly of \$5,000. The present intention is to parameter a fel-weight ser-

addition to maid and passengers, the new occupant boom to Rome-Constantineple Service Postarations are complete for the insurgenties and are phristion of the Italian maplitus service between Eone and May, the defeats date to depend on word from the Turkish atestuages and the Black Sea is being cutfited. A building to the hand style of Turkish architecture has been exceeded to be Constructionally to take observe of operations. According to

effer, and the sub-this time for the trip will be 4M br. In

statums, to unlinde one at Haltone and one of Statement, Combustacobia Manufactures Plance

The Marstry of Public Works of the Control vertice Rewalds states that so the near fators of will secure made large They are expulse of assessmedeling eight personners and on arranged with two 100 hrs. arefure of the Lorrane-Dat-

Proposed Argentine Asiation Apprepriations eppingmaning the man at 2,000,000 Aspection peans (the Aspection pure was mostle 625), easis, U. S. currency in June, 2007) to further eventure extention is that promition. 300,000 peops or organic mounts and Popular or comwire and, of the traffic later pushilles it, to because a dusty buildings, etc. 458,000 percer for land, salaries, etc. 870,000 Asiation Subsidy Bill Passed in Netherlands

A salesly full on beloft of encounted system in the ment of the Rayel Artefice Co : Buring the reor 2005, a total number of 365 personners were transported by alopiose. on 2003 this factor recessed to 3,607 while 2005 reverted

posed of each of the two parties. If this is fromd to be in-Athena, with the true scheduled to less 10 hr. Department are Ands from foreign lines there is no connected avoiding in Turkish Aviation League, about new paydeases of pieces in Angers, etc., ded more or less with military enuites, or

> of Schriech, Junior, Spod. De Wortme, Part, ont other conductor plants are notively engaged in trying to se-Turin Paris Non-Ston Flight A con stor fight from Texts, North Africa, to Peris, yes plane left Trace at 4.30 a. m. and headed at Villouchly,

the Pande Const erbinas. Seconsulto also has made good 11 S. Airmeny Excilities Increasing

dagost S. 1927

One of the lorge number of other which established ex-

red of all a cost of \$200.085. This arrest has an extensive

Change's neuropal narged to stating excepts of pro-

the the West Coast, Oakland is construction an eleport on

Forther up the most Partianal in many Street Ident for its In the Wobard, Clereboad has continued to success the here devices and office between and new appropriate Other effect are pushing about with construction, or here

reted famils for the work: Schemetally has a commercial street in which \$120,500 worth of stock has been said. But Along the Chicago-Dellas goots, Mohre, St. Joseph, Wids-This is en edition to the Department of Connects Inhiba Tirthey have been placed on five airconn and are being for



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